INDEX TO VOLUME XXIV.

A.

Absorption and Emission Spectra of the Salts of Neodymium and Erbium, *J. A. Anderson*, 530.

Absorption of Hydrogen by Metallic Films, *W. Heald*, 269.

Absorption, Fluorescence, and Magnetic Rotation Spectra of Potassium Vapor, *T. S. Carter*, 536.

Absorption of Solids for Light of Short Wave-Length, *Theodore Lyman*, 245.

Absorption and Fluorescence in Resorufin, *Frances G. Wick*, 356.

Acetylene Flame, On Effects of the Electrical Discharge on the, *C. F. Lorenz*, 229.

Adams, E. P., The Absorption of Alpha Rays in Gases and Vapors, 108.

The Effect of a Transverse Magnetic Field on Metallic Resistance, 428.

Adams, J. M., Transmission of Röntgen Rays through Metallic Sheets, 246.

Aëroplanes, Researches on the Forms and Stability of, *W. R. Turnbull*, 285.

Alpha Rays, The Absorption of, in Gases and Vapors, *E. P. Adams*, 108.

Almy, John E., The Spark Discharge in Gases and Vapors, 50.

Aluminium Films, The Capacity and Resistance of, *C. McCheyne Gordon*, 60.

Alternating Current Galvanometer, A New Type of, of High Sensibility, *W. S. Franklin* and *L. A. Freudenberger*, 37.

American Physical Society (see Physical Society).

Anderson, J. A., Absorption and Emission Spectra of the Salts of Neodymium and Erbium, 530.

Arc Spectra, Some Effects of Heavy Pressures on, *W. J. Humphreys*, 533.

Atmospheric Currents above Fifty Miles from the Surface of the Earth, *C. C. Trowbridge*, 527.

Austin, L. W., The High Resistance Contact Thermo-electric Detector for Electric Waves, 508.

B.

Bailey, F. K., The Latent Heat of Recalescence in Iron and Steel, 129.

Barus, Carl, Distribution of Nuclei and Ions in Dust-free Air, 232.

The Equations of the Fog Chamber, 383.

Bearce, Henry W., The Elastic Modulus for Small Loads at the Elastic Limit, 191.

Bishop, F. L., Heat of Dilution, 123.

Blair, Wm. R., The Change of Phase due to the Passage of Electro-magnetic Waves through Thin Plates and the Index of Refraction of Water for such Waves with Applications to the Optics of Thin Films and Prisms, Part 2, 531.

Change of Phase due to the Passage of Electric Waves through Thin Films, and the Index of Refraction of Water for such Waves, 231.

Brace, DeWitt Bristol, The Scientific Work of, *Edward L. Nichols*, 515.

Burgess, G. K., On the Establishment of the High Temperature Scale, 441.

C.

Cady, W. G., The Hissing Point of the Metallic Arc, 381.

Note on the Hissing Metallic Arc, 446.

Canal Rays, On the Current Carried by,

INDEX TO VOLUME XXIV.

A.

Absorption and Emission Spectra of the Salts of Neodymium and Erbium, *J. A. Anderson*, 530.

Absorption of Hydrogen by Metallic Films, *W. Heald*, 269.

Absorption, Fluorescence, and Magnetic Rotation Spectra of Potassium Vapor, *T. S. Carter*, 536.

Absorption of Solids for Light of Short Wave-Length, *Theodore Lyman*, 245.

Absorption and Fluorescence in Resorufin, *Frances G. Wick*, 356.

Acetylene Flame, On Effects of the Electrical Discharge on the, *C. F. Lorenz*, 229.

Adams, E. P., The Absorption of Alpha Rays in Gases and Vapors, 108.

The Effect of a Transverse Magnetic Field on Metallic Resistance, 428.

Adams, J. M., Transmission of Röntgen Rays through Metallic Sheets, 246.

Aëroplanes, Researches on the Forms and Stability of, *W. R. Turnbull*, 285.

Alpha Rays, The Absorption of, in Gases and Vapors, *E. P. Adams*, 108.

Almy, John E., The Spark Discharge in Gases and Vapors, 50.

Aluminium Films, The Capacity and Resistance of, *C. McCheyne Gordon*, 60.

Alternating Current Galvanometer, A New Type of, of High Sensibility, *W. S. Franklin* and *L. A. Freudenberger*, 37.

American Physical Society (see Physical Society).

Anderson, J. A., Absorption and Emission Spectra of the Salts of Neodymium and Erbium, 530.

Arc Spectra, Some Effects of Heavy Pressures on, *W. J. Humphreys*, 533.

Atmospheric Currents above Fifty Miles from the Surface of the Earth, *C. C. Trowbridge*, 527.

Austin, L. W., The High Resistance Contact Thermo-electric Detector for Electric Waves, 508.

B.

Bailey, F. K., The Latent Heat of Recalescence in Iron and Steel, 129.

Barus, Carl, Distribution of Nuclei and Ions in Dust-free Air, 232.

The Equations of the Fog Chamber, 383.

Bearce, Henry W., The Elastic Modulus for Small Loads at the Elastic Limit, 191.

Bishop, F. L., Heat of Dilution, 123.

Blair, Wm. R., The Change of Phase due to the Passage of Electro-magnetic Waves through Thin Plates and the Index of Refraction of Water for such Waves with Applications to the Optics of Thin Films and Prisms, Part 2, 531.

Change of Phase due to the Passage of Electric Waves through Thin Films, and the Index of Refraction of Water for such Waves, 231.

Brace, DeWitt Bristol, The Scientific Work of, *Edward L. Nichols*, 515.

Burgess, G. K., On the Establishment of the High Temperature Scale, 441.

C.

Cady, W. G., The Hissing Point of the Metallic Arc, 381.

Note on the Hissing Metallic Arc, 446.

Canal Rays, On the Current Carried by,

in a Discharge Tube, *C. C. Perry*, 447.
Capacity and Resistance of Aluminium Films, *C. McCheyne Gordon*, 60.
Carbon Disulphide, Infra-red Emission Spectrum of Burning, *W. W. Coblentz*, 72.
Carbon Pencils, The Determination of Potential by, *C. D. Child*, 498.
Carbonic Acid, The Vapor Pressure of, *H. duBois*, 445.
Carbonic Acid, The Vapor Pressure of, at Low Temperatures, *John Zeleny* and *Roy H. Smith*, 42.
Carborundum, Remarkable Optical Properties of, *Lewis E. Jewell*, 239.
Carter, T. S., The Fluorescence, Absorption, and Magnetic Rotation Spectra of Potassium Vapor, 536.
Child, C. D., The Determination of Potential by Carbon Pencils, 498.
Clark, B. M., On Variation of Heat of Mixture with Concentration and Temperature, 236.
Clement, J. K., Some New Measurements with the Gas Thermometer, 531.
Coblentz, W. W., Infra-red Emission Spectrum of Burning Carbon Disulphide, 72.
The Temperature of the Moon, 121.
Radiation from Selectively Reflecting Bodies, 307.
Coefficient of Expansion of Fused Quartz, *Howard D. Minchin*, 1.
Cohen, Louis, The Mutual Inductance of Coaxial Solenoids, 537.
Condensers, The Bridge Method for Comparison of, *F. E. Kester*, 115.
Color Mixer, *A. B. Porter*, 243.
Conductor, Some newly observed manifestations of Forces in the Interior of a, *Edwin F. Northrup*, 474.
Conductivity of Air caused by Certain Compounds during Temperature Changes, *F. C. Gates*, 246.

D.

Davis, Bergen, Theory of the Electrodeless Ring Discharge, 224.
Energy Necessary to Ionize a Molecule by Impact, 93.
The Transformation into an Electric Current of Radiation Incident on a Moving Surface, 181.
Davis, H. N., The Motion of a Violin String under Light Bowing, 242.
Models Illustrating the Motion of a Violin String, 242.
Deflection Instruments, An Optical Device for, *Edwin F. Northrup*, 222.
Demon, An Inanimate, *Albert B. Porter*, 125.
Dennis, L. M., Upon the Chemical Nature of the Radium Emanation, 511.
Dickinson, H. C., Calibration of Calorimetric Platinum Resistance Thermometers, 529.
DuBois, H., The Vapor Pressure of Solid Carbonic Acid, 445.
Dust-Free Air, Distribution of Nuclei and Ions in, *Carl Barus*, 227.

E.

Elastic Modulus, The, for small Loads at the Elastic Limit, *Henry W. Bearce*, 191.
Electric Waves, Reflection and Transmission of, by Resonator Gratings, *C. Schaefer*, 421.
Electrodeless Ring Discharge, Theory of the, *Bergen Davis*, 224.
Electrolytic Resistance and Capacity, A Method for the Determination of, using Alternating Currents, *A. H. Taylor*, 126, 402.
Electric Waves, Change of Phase due to the Passage of, through Thin Films, and the Index of Refraction of water for such waves, *William R. Blair*, 231.
Electric Waves, The High Resistance Contact Thermo-electric Detector for, *L. W. Austin*, 508.
Electromagnetic Waves, The Change of Phase due to the Passage of, through thin plates and the Index of Refraction of Water for such Waves with Applications to the Optics of Thin

Films and Prisms, Part 2, *Wm. R. Blair*, 531.
Erbium, Absorption and Emission Spectra of, *J. A. Anderson*, 530.
Errata, 544.

F.

Fisher, W. J., The Temperature Coefficients of Gas Viscosity, 385.
Constants in Gas-Viscosity, 237.
Fluorescence Absorption in Resorufin, *Frances G. Wick*, 407.
Fluorescence, Absorption, and Magnetic Rotation Spectra of Potassium Vapor, *T. S. Carter*, 536.
Fluorescence of Sodium Vapor, Note on the, *E. Merritt*, 379.
Fluorescence of Resorufin, A Spectrophometric Study of the Absorption and, *Frances Wick*, 356.
Fog Chamber, The Equations of the, *Carl Barus*, 383.
Franklin, W. S., A New Type of Alternating Current Galvanometer of High Sensibility, 37.
Freudenberger, L. A., A New Type of Alternating Current Galvanometer of High Sensibility, 37.

G.

Gale, H. G., The Effect of Temperature on Metallic Spectra, 118.
Gas Thermometer, Some New Measurements with the, *J. K. Clement*, 531.
Gates, F. C., On the Conductivity of the Air caused by Certain Compounds during Temperature Change, 246.
Goodwin, H. M., On the Ionization of Fused Salts, 77.
Gordon, C. McCheyne, The Capacity and Resistance of Aluminium Films, 60.
Gratings, Reflection and Transmission of Electric Waves by Resonator, *C. Schaefer*, 421.
Gratings, On Multiple Crossed, *Albert B. Porter*, 126.
Gurney, Lawrence E., The Viscosity of water at Low Rates of Shear, 232.
Guthe, K. E., Standard Cells, 214.
Standard Cells, 119.
Gyroscope, An Experimental, for Quantitative Work, *F. E. Kester*, 127.

H.

Hallock, Wm., Treasurer's Report, 523.
Harris, W. D., Rotation and Elliptic Polarization produced by Iron Films in a Magnetic Field, W. D. Harris, 337.
Hawley, L. F., Upon the Chemical Nature of the Radium Emanation, 511.
Heald, Walter, The Absorption of Hydrogen by Metal Films, 269.
Heat of Dilution, *F. L. Bishop*, 123.
Heat of Mixture, Variation of the, with Concentration and Temperature, *B. M. Clark*, 236.
Heusler's Alloys, The Magnetic Properties of, *J. C. McLennan*, 248.
Heusler's Alloys, On the Magnetic Properties of, *J. C. McLennan*, 449.
High Temperature Scale, On the Establishment of the, *C. W. Waidner* and *G. K. Burgess*, 441.
Hill, Bruce V., On the Magnetic Behavior of certain alloys of Nickel, 231.
On the Magnetic Behavior of Certain Alloys of Nickel, 321.
Hissing Metallic Arc, Note on the, *W. G. Cady*, 446.
Hissing Point, The, of the Metallic Arc, *W. G. Cady*, 381.
Hough, R. H., The Operation of a Direct Current Shunt Wound Motorin Synchronism with a tuning Fork, 535.
Humphreys, W. J., Some effects of heavy Pressures on Arc Spectra, 533.
An Apparatus for the Production of a Rotating Electric Arc under heavy Pressure, 534.
Hydraulic Analogy of Radiating Bodies for Illustrating the Luminosity of Welsbach Mantle, *R. W. Wood*, 436.
Hydrogen, The Absorption of, by Metal Films, *Walter Heald*, 269.
Hyde, E. P. Geometrical Theory of Radiating Surfaces with Discussion of Light Tubes, 249.

I.

Index of Refraction of Water for Electric Waves, *William R. Blair*, 227.

Index of Refraction and Dispersion with the Interferometer, *C. A. Proctor*, 195.

Infra-red Emission Spectrum of Burning Carbon Disulphide, *W. W. Coblentz*, 72.

Ingersoll, L. R., The Radiation Constants and Temperature of the Nernst Glower, 230.

Interferometer, Index of Refraction and Dispersion with the, *C. A. Proctor*, 195.

Interference Pictures, Three-color, *Herbert E. Ives*, 103.

Ionization, By Impact, *Bergen Davis*, 93.

Ionization of Fused Salts, On the, *H. M. Goodwin and H. A. Wentworth*, 77.

Ives, Herbert E., Three-color Interference Pictures, 103.

Iron and Steel, The Latent Heat of Recalescence in, *F. K. Bailey*, 129.

J.

Jewell, Lewis E., Remarkable Optical Properties of Carborundum, 239.

K.

Kester, F. E., The Bridge Method for Comparison of Condensers, 120.

An Experimental Gyroscope for Quantitative Work, 127.

Knipp, Chas. T., The Temperature of the Mercury Arc, 446.

L.

Light Tubes, Geometrical Theory of Radiating Surfaces with Discussion of, *E. P. Hyde*, 227.

Longden, A. C., The Percentage Bridge, 349.

Lorenz, C. F., On Effects of the Electrical Discharge on the Acetylene Flame, 229.

Lorenz Experiment and the Ayrton-Jones Absolute Electrodynamometer, *E. B. Rosa*, 227.

Luminous Equivalent of Radiation, *P. G. Nutting*, 202.

Lyman, Theodore, The Absorption of Solids for Light of Short Wave-Length, 245.

M.

McCoy, Herbert N., The Relation between Uranium and Radium, 124.

McLennan, J. C., On the Magnetic Properties of Heusler's Alloys, 449.

On The Susceptibility of Mixtures of Salt Solutions, 276.

Magnetic Properties of Heusler's Alloys, 248.

Magnetic Behavior of Certain Alloys of Nickel, *Bruce V. Hill*, 227.

Magnetic Field, The Effect of a, on Metallic Resistance, *E. P. Adams*, 428.

Magnetic Rotation Spectrum of Potassium Vapor, *T. S. Carter*, 536.

Magnetic Shielding, *A. P. Wills*, 243.

Magnetic Susceptibility of Mixtures of Solutions, *H. W. March*, 29.

Magnetic Susceptibility and Temperature Coefficients of Cu_4SO and $MgSO_4$ Solutions, *Clarence K. Studley*, 22.

March, H. W., Magnetic Susceptibility of Mixtures of Solutions, 29.

Mendenhall, C. E., The Radiation Constants and Temperature of the Nernst Glower, 230.

Mercury Arc, The Temperature of the, *Chas. T. Knipp*, 446.

Meteor Trains, The Physical Nature of, *C. C. Trowbridge*, 524.

Merritt, E., Note on the Fluorescence of Sodium Vapor, 379.

Metal Films, The Absorption of Hydrogen by, *Walter Heald*, 269.

Metallic Resistance, The Effect of a Transverse Magnetic Field on, *E. P. Adams*, 428.

Metallic Arc, The Hissing Point of the, *W. G. Cady*, 379.

Millikan, R. A., Discharge of Electrons under the Influence of Ultra-violet Light, 116.

Minchin, Howard D., On the Coefficient of Fused Quartz, 1.

Moon, The Temperature of the, *Frank W. Very*, 122.

Moon, The Temperature of the, *W. W. Coblentz*, 121.

Mueller, E. F., Calibration of Calorimetric Platinum Resistance Thermometers, 529.

Mutual Inductance of Coaxial Solenoids, *E. B. Rosa and Louis Cohen*, 537.

Mutual Inductance, The, of a Circle and a Coaxial Helix, The Lorenz Experiment and the Ayrton-Jones Absolute Electrodynamometer, *E. B. Rosa*, 240.

Mutual Inductance, The, of two Coaxial Coils, *E. B. Rosa*, 241.

Mutual Inductances for Laboratory Use, *E. B. Rosa*, 241.

N.

Neodymium, Absorption and Emission Spectra of, *J. A. Anderson*, 530.

Nernst Glower, The Radiation Constants and Temperature of the, *C. E. Mendenhall and L. R. Ingersoll*, 230.

Nichols, Edward L., The Scientific Work of DeWitt Bristol Brace, 515.

Nickel, On the Magnetic Behavior of Certain Alloys of, *Bruce V. Hill*, 231.

Northrup, Edwin F., Optical Device for Deflection Instruments, 222.

Some newly observed manifestations of Forces in the Interior of an Electric Conductor, 474.

Nuclei and Ions, Distribution of, in Dust-free Air, *Carl Barus*, 232.

Nutting, P. G., The Luminous Equivalent of Radiation, 202.

O.

Optical Device for Deflection Instruments, *Edwin F. Northrup*, 222.

Optical Images, On the Nature of, *A. B. Porter*, 244.

Optical Images, On the Nature of, *A. B. Porter*, 303.

P.

Percentage Bridge, The, *A. C. Longden*, 349.

Perry, C. C., On the Current Carried by Canal Rays in a Discharge Tube, 447.

Physical Society, Abstracts, 115, 224, 379, 446, 522, Minutes, 115, 224, 379, (522).

Pierce, George W., Experiments on Resonance in Wireless Telegraph Circuits, Part V, 52.

Platinum Resistance Thermometers, Calibration of, *H. C. Dickinson and E. F. Mueller*, 529.

Porter, Albert B., An Inaminate Demon, 125.

On Multiple Crossed Gratings, 126.

A Color Mixer, 243.

On the Nature of Optical Images, 244.

On the Nature of Optical Images, 303.

Potential, The Determination of, by Carbon Pencils, *C. D. Child*, 498.

Potassium Vapor, The Fluorescence, Absorption, and Magnetic Rotation Spectra of, *T. S. Carter*, 536.

Proctor, C. A., Index of Refraction and Dispersion with the Interferometer, 195.

Q.

Quartz, Coefficient of Expansion of, *Howard D. Minchin*, 1.

R.

Radiation, Incident on a Moving Surface, The Transformation into an Electric Current of, 181.

Radium, The Relation between Uranium and, *McCoy and Ross*, 124.

Radium Emanation, Upon the Chemical Nature of the, *L. M. Dennis and L. F. Hawley*, 511.

Recalescence, The Latent Heat of, in Iron and Steel, *F. K. Bailey*, 129.

Resistance Thermometers, Calibration of, *H. C. Dickinson and E. F. Mueller*, 529.

Resonance, Experiments on, in Wireless Circuits, Part V., *George W. Pierce*, 152.

Resorufin, A Spectrophotometric Study of the Absorption and Fluorescence of, *Frances Wick*, 356.

Resorufin, Fluorescence Absorption in, *Frances G. Wick*, 407.
Röntgen Rays, The Transmission of, through Metallic Sheets, *J. M. Adams*, 246.
Rosa, E. B., The Mutual Inductance of Coaxial Solenoids, 537.
The Mutual Inductance of a Circle and a Coaxial Helix, The Lorenz Experiment and the Ayrton-Jones Absolute Electrodynamometer, 240.
Mutual Inductance of two Coaxial Coils, 241.
Mutual Inductances for Laboratory Use, 241.
Ross, W. H., The Relation between Uranium and Radium, 124.
Rotation and Elliptic Polarization produced by Iron Films in a Magnetic Field, *W. D. Harris*, 337.
Rotating Electric Arc, An Apparatus for the Production of a, under Heavy Pressure, *W. J. Humphreys*, 534.
Rotation, Magnetic, in Potassium Vapor, *T. S. Carter*, 536.

S.

Schaefer, C., Reflection and Transmission of Electric Waves by Resonator Gratings, 421.
Selectively Reflecting Bodies, Radiation from, *W. W. Coblentz*, 307.
Self-induction, Modifications of the Maxwell-Rayleigh and the Anderson Methods for the Measurement of the Coefficient of, *Anthony Zeleny*, 257.
Smith, Roy H., The Vapor Pressure of Carbonic Acid at Low Temperatures, 42.
Sodium Vapor, Note on the Fluorescence of, *E. Merritt*, 379.
Spark Discharge, The, in Gases and Vapors, *John E. Almy*, 50.
Spectra, The Effect of Temperature on Metallic, *H. G. Gale*, 118.
Standard Cell, The, *F. A. Wolf and C. E. Waters*, 251.
Standard Cells, *K. E. Guthe and C. L. Von Ende*, 119, 214.
Standard Cell, The Electrode Equilibrium of the, *F. A. Wolff and C. E. Walter*, 227.
Studley, Clarence K., Magnetic Susceptibility and Temperature Coefficients of Cu_4SO and $MgSO_4$ Solutions, 22.
Susceptibility, of Mixtures of Salt Solutions, *J. C. McLennan and C. S. Wright*, 276.
Synchronism, The Operation of a Direct Current Shunt Wound Motor in, with a Tuning Fork, *R. H. Hough and F. Wenner*, 535.

T.

Taylor, A. Hoyt, The Determination of Electrolytic Resistance and Capacity, 126.
A Method for the Determination of Electrolytic Resistance and Capacity, using Alternating Currents, 402.
Temperature Coefficients of Gas Viscosity, *W. J. Fisher*, 385.
Thermo-electric Detector, The High Resistance Contact, for Electric Waves, *L. W. Austin*, 508.
Treasurer's Report, *Wm. Hallock*, 523.
Trowbridge, C. C., The Physical Nature of Meteor Trains, 524.
On Atmospheric Currents above Fifty Miles from the Surface of the Earth, 527.
Turnbull, W. R., M.E., Researches on the Forms and Stability of Aëroplanes, 285.

U.

Ultra-violet Light, Discharge of Electrons under the Influence of, *R. A. Millikan and George Winchester*, 116.
Uranium and Radium, The Relation between, *Herbert N. McCoy and W. H. Ross*, 124.

V.

Vapor Pressure of Solid Carbonic Acid, The, *H. DuBois*, 445.
Very, Frank W., The Temperature of the Moon, 122.

Violin String, The Motion of a, under Light Bowing, *H. N. Davis*, 242.
Violin String, Models Illustrating the Motion of a, *H. N. Davis*, 242.
Viscosity of Gases, *Williard J. Fisher*, 237.
Viscosity, The Temperature Coefficients of, *W. J. Fisher*, 385.
Vicosity of Water, The, at Low Rates of Shear, *Lawrence E. Gurney*, 232.
Von Ende, C. L., Standard Cells, 119, 214.

W.

Waidner, C. W., On the Establishment of the High Temperature Scale, 441.
Waters, C. E., The Electrode Equilibrium of the Standard Cell, 251.
The Standard Cell, 252.
Welsbach Mantle, A Hydraulic Analogy of Radiating Bodies for Illustrating the Luminosity of the, *R. W. Wood*, 436.
Wenner, F., The Operation of a Direct Current Shunt Wound Motor in Synchronism with a Tuning Fork, 535.
Wentworth, H. A., On the Ionization of Fused Salts, 77.
Wick, Frances G., Fluorescence Absorption in Resorufin, 407.
A Spectrophotometric Study of the Absorption and Fluorescence of Resorufin, 356.
Wills, A. P., On Magnetic Shielding, 243.
Winchester, George, Discharge of Electrons under the Influence of Ultraviolet Light, 116.
Wireless Telegraph Circuits, Part V., Experiments on Resonance in, *George W. Pierce*, 152.
Wolff, F. A., The Electrode Equilibrium of the Standard Cell, 251.
The Standard Cell, 252.
Wood, R. W., A Hydraulic Analogy of Radiating Bodies for Illustrating the Luminosity of the Welsbach Mantle, 436.
Wright, C. S., On the Susceptibility of Mixtures of Salt Solutions, 276.

Z.

Zeleny, John, The Vapor Pressure of Carbonic Acid at Low Temperatures, 42.
Zeleny, Anthony, Modification of the Maxwell-Rayleigh and the Anderson Methods for the Measurement of the Coefficient of Self-induction, 257.

ERRATA.

PAGE 310, seventh line from bottom omit the word "*find.*"

PAGE 317, eighth line from the top read "*maximum*" for "*minimum.*"

PAGE 318, fourth line from top read "*curve, c,*" for "*curve, b,*" and *transmission curve, b,*" for "*transmission curve c*"; eighth line from top and fifth line from bottom read "*curves a, b, c,*" for "*curves b, c, d.*" Curve *d* in Fig. 7 is curve *c* in Fig. 6.

JAN 19 1917